



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE Application

Inventor(s): Joakim Dahlstedt, Peter Lonnebring  
and Mikael Vidstedt  
Appln. No.: 10/737,404  
Confirm. No.: 7619  
Filed: December 16, 2003  
Title: SYSTEM AND METHOD FOR  
MEMORY LEAK DETECTION  
IN A VIRTUAL MACHINE  
ENVIRONMENT

PATENT APPLICATION

Art Unit: 2127  
Examiner: Unassigned

Customer No.: 23910

**POWER OF ATTORNEY BY ASSIGNEE UNDER 37 C.F.R. §§3.71, 3.73(b)**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The below-identified Assignee is the owner of the entire right, title and interest in the above-identified patent application by virtue of an assignment from the inventor(s).

The Assignment was recorded in the United States Patent and Trademark Office at Reel \_\_, Frames  
\_\_\_\_\_, or

A true copy of the Assignment is attached hereto, the original of which has been (or is herewith) forwarded to the United States Patent and Trademark Office for recording.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

Assignee hereby appoints Sheldon R. Meyer, Reg. No. 27,660, Karl F. Kenna, Reg. No. 45,445 and other attorneys of FLIESLER MEYER LLP, Customer No. 23910, to prosecute this application and transact all business in the United States Patent & Trademark Office connected therewith; said appointment to be to the exclusion of the inventor(s) and the inventor's(s') attorney(s) in accordance with the provisions of 37 C.F.R. §3.71.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please address all correspondence to:

SHELDON R. MEYER, ESQ.  
FLIESLER MEYER LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, CA 94111-4156

Please direct all telephone calls to:

Karl F. Kenna  
(415) 362-3800

Assignee: BEA Systems, Inc.  
Assignee Type: (corporation, Partnership) Corporation  
Signor's Name: Robert F. Donohue  
Signor's Title: (Corporate Office or Position) Senior Vice President, General Counsel  
Signature [Signature] Date: June 8, 2004



## RECORDATION FORM COVER SHEET

### PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Customer No. 23910

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Joakim Dahlstedt  
Peter Lonnebring  
Mikael Vidstedt

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other \_\_\_\_\_

Execution Date: 12/12/2003

2. Name and address of receiving party(ies):

Name: BEA SYSTEMS, INC.

Address: 2315 North First Street

San Jose, CA 95131

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

A. Patent Application No.: Unassigned  
B. Confirmation No.: Unassigned

Title: SYSTEM AND METHOD FOR MEMORY  
LEAK DETECTION IN A VIRTUAL  
MACHINE ENVIRONMENT

Filed Date: Concurrently herewith

C. Patent No(s):

Additional numbers attached?  Yes  No

If this document is being filed together with a new application, the execution date of the application is: 12/12/03

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sheldon R. Meyer

Address: Fliesler Dubb Meyer & Lovejoy LLP

Four Embarcadero Center, Fourth Floor

San Francisco, CA 94111

Telephone: (415) 362-3800

6. Total Number of applications and patents involved: 1  \$40.00 each

7. Total fee (37 CFR 3.41).....\$ 40.00

Please Charge Deposit Account  
No. 06-1325.

8. *Fee Authorization.* Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.

*Copy.* (A duplicate copy of this authorization is not enclosed.)

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Karl F. Kenna

Attorney (Reg. No.: 45,445)

Signature

December 16, 2003

Date

10. Total number of pages to be recorded: 4 (1 page cover sheet and 3 page document).

JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

(1) Joakim Dahlstedt,  
a resident of SWEDEN; and

(2) Peter Lonnebring,  
a resident of SWEDEN; and

(3) Mikael Vidstedt,  
a resident of SWEDEN

have invented certain new and useful improvements in:

SYSTEM AND METHOD FOR MEMORY LEAK  
DETECTION IN A VIRTUAL MACHINE ENVIRONMENT  
(Attorney Docket No.: BEAS-01298US1)

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, said invention being described and claimed in the patent application filed herewith and identified by the above title and Attorney Docket No.

WHEREAS BEA Systems, Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 2315 North First Street, San Jose 95131, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in

the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date as given below and delivered this instrument to said Assignee:

12 December 2003 \_\_\_\_\_  
Date \_\_\_\_\_  
(1)   
Joakim Dahlstedt  
State of Sweden \_\_\_\_\_  
County of Stockholm \_\_\_\_\_  
On \_\_\_\_\_ before me, \_\_\_\_\_  
(name and title of officer)

personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

\*\*\*\*\*

2003 12 12

Date

(2)   
Peter Lonnebring

State of SWEDEN)  
County of Stockholm)

On \_\_\_\_\_ before me, \_\_\_\_\_  
(name and title of officer)

personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

\*\*\*\*\*

12/12/03  
Date

(3)   
Mikael Vidstedt

State of Stockholm)  
County of Sweden)

On \_\_\_\_\_ before me, \_\_\_\_\_  
(name and title of officer)

personally appeared \_\_\_\_\_ personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

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